

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An adaptive array wireless terminal apparatus having a plurality of antennas, comprising:

a determining unit configured to determine reception levels of signals of a plurality of streams received by respective ones of said plurality of antennas;

a display unit configured to display said determined reception levels of signals of said plurality of streams; and

a reception level adjusting unit configured to be manually operated by a user and configured to adjust the reception levels of signals of said plurality of streams so that a difference in a reception signal level between said plurality of antennas before adaptive array processing can be reduced for improving the reception characteristics of the adaptive array processing.

2. (Canceled).

3. (Currently Amended) A method of displaying a reception level in an adaptive array wireless terminal apparatus having a plurality of antennas and a reception level adjusting unit, comprising the steps of:

determining reception levels of signals of a plurality of streams received by respective ones of said plurality of antennas; and

displaying said determined reception levels of signals of said plurality of streams; and adjusting the reception levels of signals of said plurality of streams in response to manual operation of said reception level adjusting unit so that a difference in a reception signal level between said plurality of antennas before adaptive array processing can be reduced for improving the reception characteristics of the adaptive array processing.

4. (Canceled).

5. (Currently Amended) A digital signal processor configured to execute a reception level display program stored in a memory for an adaptive array wireless terminal

apparatus having a plurality of antennas and a reception level adjusting unit, causing the digital signal processor, when executing said program, to perform the steps of:

determining reception levels of signals of a plurality of streams received by respective ones of said plurality of antennas; and

displaying said determined reception levels of signals of said plurality of streams; and adjusting the reception levels of signals of said plurality of streams in response to manual operation of said reception level adjusting unit so that a difference in a reception signal level between said plurality of antennas before adaptive array processing can be reduced for improving the reception characteristics of the adaptive array processing.

6. (Previously Presented) The digital signal processor according to claim 5, wherein

in said display step, a numerical value indicating a reception level of each of the signals of said plurality of streams is displayed.

7. (Previously Presented) The digital signal processor according to claim 5, wherein

in said display step, a difference value between each of the reception levels of the signals of the plurality of streams is displayed.

8. (Previously Presented) The digital signal processor according to claim 5, wherein

in said display step, a degree of magnitude of a difference value between each of the reception levels of the signals of the plurality of streams is displayed.

9. (Previously Presented) The digital signal processor according to claim 5, wherein

in said display step, any of said numerical value indicative of the reception level of each of the signals of said plurality of streams, said difference value between each of the reception levels and said degree of magnitude of the difference value is selectively displayed as display contents;

said program causing the digital signal processor to further perform the step of determining the contents to be displayed in the display step, in accordance with prior designation by a user.

10. (Currently Amended) ~~The~~ A digital signal processor ~~according to claim 5,~~
configured to execute a reception level display program stored in a memory for an adaptive
array wireless terminal apparatus having a plurality of antennas, causing the digital signal
processor, when executing said program, to perform the steps of:

determining reception levels of signals of a plurality of streams received by respective
ones of said plurality of antennas; and

displaying said determined reception levels of signals of said plurality of streams,
wherein

in said display step, any of said numerical value indicative of the reception level of each of the signals of said plurality of streams, said difference value between each of the reception levels and said degree of magnitude of the difference value is selectively displayed as display contents;

said program causing the digital signal processor to further perform the step of periodically and successively switching the display contents to be displayed in said display step.

11. (Previously Presented) The digital signal processor according to claim 5, said program causing the digital signal processor to further execute the step of automatically activating said determining step and said display step.

12. (Previously Presented) The digital signal processor according to claim 5, said program causing the digital signal processor to further execute the step of activating said determining step and said display step in response to a user instruction.

13. – 16. (Canceled).

17. (Previously Presented) A method of displaying a reception level in an adaptive array wireless terminal apparatus having a plurality of antennas, comprising the steps of:

determining reception levels of signals of a plurality of streams received by respective ones of said plurality of antennas; and

displaying said determined reception levels of signals of said plurality of streams, wherein said displaying step comprises:

turning on a light emitting unit on a display without any flickering when differences between the determined reception levels of signals of the plurality of streams are all within a first difference value;

turning on the light emitting unit on the display with a flickering rate greater than zero but less than a predetermined flickering rate, when the difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the first difference value but less than a second difference value that is greater than the first difference value; and

turning on the light emitting unit on the display with a flickering rate greater than the predetermined flickering rate, when the difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the second difference value.

18. (Previously Presented) The apparatus according to claim 1, wherein at least one of the plurality of antennas is a movable antenna and at least another of the plurality of antennas is a non-movable antenna, and

wherein the reception level adjusting unit is configured to adjust the reception levels of signals of the plurality of streams by adjusting a position of the movable antenna.

19. (Previously Presented) The apparatus according to claim 18, wherein the display unit comprises:

a first light emitting unit outputting a first color;

a second light emitting unit outputting a second color different from the first color;

and

a third light emitting unit outputting a third color different from the first and second colors; and

a control unit configured to:

turn on the first light emitting unit when differences between the determined reception levels of signals of all the plurality of streams are less than a first predetermined difference value;

turn on the second light emitting unit when the difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the first predetermined difference value but less than a second predetermined difference value that is greater than the first predetermined difference value; and

turn on the third light emitting unit when the difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the second predetermined difference value.

20. (Previously Presented) The apparatus according to claim 18, wherein the display unit comprises:

a light emitting unit; and

a control unit configured to:

turn on the light emitting unit with no flickering when differences between the determined reception levels of signals of the plurality of streams are all less than a first predetermined difference value;

turn on the light emitting unit with a flickering rate greater than zero and less than a first predetermined flickering rate when the difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the first predetermined difference value but less than a second predetermined difference value that is greater than the first predetermined difference value, wherein the first predetermined flickering rate is greater than zero; and

turn on the light emitting unit with a flickering rate greater than the first predetermined flickering rate when the difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the second predetermined difference value.

21. (Previously Presented) The apparatus according to claim 1, wherein the determining unit determines the reception levels of signals of a plurality of streams received by respective ones of said plurality of antennas, prior to any adaptive array processing being performed on the signals of the plurality of streams.

22. (Previously Presented) The method according to claim 3, wherein said displaying step comprises:

turning on a first light emitting unit on a display when differences between the determined reception levels of signals of the plurality of streams are all within a first difference value;

turning on a second light emitting unit on the display, the second light emitting unit displaying a different color than the first light emitting unit, when the difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the first difference value but less than a second difference value that is greater than the first difference value; and

turning on a third light emitting unit on the display, the third light emitting unit displaying a different color than the first and second first light emitting units, when the difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the second difference value.

23. (Previously Presented) The method according to claim 3, wherein the determining step determines the reception levels of signals of a plurality of streams received by respective ones of said plurality of antennas, prior to any adaptive array processing being performed on the signals of the plurality of streams.

24. (Previously Presented) The digital signal processor according to claim 5, wherein said displaying step comprises:

turning on a first light emitting unit on a display when differences between the determined reception levels of signals of the plurality of streams are all less than a first predetermined difference value;

reception levels of signals of at least two of the plurality of streams is greater than the first turning on a second light emitting unit on the display, the second light emitting unit displaying a different color than the first light emitting unit, when the difference between the determined predetermined difference value but less than a second predetermined difference value that is greater than the first predetermined difference value; and

turning on a third light emitting unit on the display, the third light emitting unit displaying a different color than the first and second first light emitting units, when the

difference between the determined reception levels of signals of at least two of the plurality of streams is greater than the second predetermined difference value.

25. (Previously Presented) The digital signal processor according to claim 5, wherein the determining step determines the reception levels of signals of a plurality of streams received by respective ones of said plurality of antennas, prior to any adaptive array processing being performed on the signals of the plurality of streams.